



HYDROUSA Summer School

Destination: Tinos | 18 - 21 June 2022

Exploring together Nature-based and Circular solutions.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101019162

OPEN CALL INVITATION

How can we close the water loops on the Island of Tinos?

HYDROUSA is in its 4th year of operation with full-scale applied innovations of regenerative solutions in three Mediterranean islands, Tinos - Mykonos - Lesbos. An awarded Horizon 2020 Research and Innovation project developing nature-based technological solutions in the context of circular economy.

The project in **Summer 2022** will be manifested with citizens' activities for one month in each island. The program will include an interactive **Info Point**, a **Summer school**, an **Artistic Residency** and an **Open Day** for the wide public.

Read the full program [here](#)



This is an open call for the first **Summer School in Tinos** from the **18th to the 21st of June** at **Tinos Ecolodge**.

HYDROUSA opens to wider audiences and looks for you!

Researchers, entrepreneurs, young individuals, locals and professionals, thirsty for a shared learning experience and are passionate about circularity, innovation and sustainable use and management of water resources.

Our Summer Schools is a 4-day format that intends to **build capacity** and **showcase alternatives** to switch from linear to circular solutions. The main goal is to spread environmental consciousness, discovering different nature based solutions and explore sustainable practices for water management and water treatment, along with a group of experts, innovators and technology leaders from [Tinos Ecolodge](#), [IRIDRA](#), [NTUA](#), [Alchemia Nova](#), [Impact Hub Athens](#), [PLANET biomimicry](#), [SEMIDE](#) and others.



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About the Summer School

The **Summer School** implements an interdisciplinary approach and provides practical training, seminars and hands-on experience, where participants can deepen their knowledge in water management, ecosystems and agriculture. We will connect with nature, improve our practical skills and understanding on rainwater harvesting loops, regenerative agriculture, sustainable and circular use of water.

We will get the chance to connect with the local community, multicultural people and expand our network by sharing ideas and opinions on the water management and water treatment systems.

Our Hosts

Location: Tinos Ecolodge



An eco-friendly and autonomous destination where circularity principles and off-grid practices are implemented. Tinos Ecolodge enhances ecotourist water-loops, runs completely on solar energy and focuses on collecting rainwater and treating the wastewater for irrigation.

Facilitation: Impact Hub



Impact Hub Athens is a local and international connected network aiming at positive social impact. We build communities for impact. We promote, enable & accelerate entrepreneurship and social innovation by providing capacity building, business incubation, co-working & events space, along with accessible services to



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anyone committed to develop sustainable solutions for social & environmental issues.

About [HYDROUSA](http://www.hydrousa.org)

HYDROUSA (www.hydrousa.org) is a Horizon 2020 Innovation Action project funded by the European Union, and is coordinated by the Sanitary Engineering Laboratory of the Department of Water Resources and Environmental Engineering of the National Technical University of Athens (NTUA).

HYDROUSA revolutionizes the water value chain in Mediterranean regions by applying innovative, nature-based solutions for water and wastewater management, which close the water loops and boost the agricultural and energy profile of these areas, by recovering water, energy and high added value products.

The HYDROUSA concept is materialized through six full-scale demonstration sites (HYDROs) in three Mediterranean Islands (Lesvos, Mykonos, Tinos).

The Challenge

Water management in Mediterranean islands is currently fragmented and there are several barriers, which need to be overcome in order to close water loops and contribute to the environmental and economic development of these regions.

Our Vision

HYDROUSA goes beyond the current water and wastewater management practices reimagining a water resilient economy, mitigating climate change and reforming the agro-food system. HYDROUSA not only develops and demonstrates innovative water



services, but revolutionizes the water value chains in Mediterranean areas from water use up to sewage treatment and reuse. Our mission is to disseminate sustainability principles and circular economy values through interactive seminars and activities.

About Tinos

Tinos is in the heart of the Cyclades, a picturesque island which is windy and water scarce.

Water is one of the most fundamental sources for development and prosperity. 90% of it comes from desalination plants to cover the water needs of Chora. The economy of Tinos significantly depends on tourism activity. However, this can entail impediments and challenges for the resources management as there are high fluctuations in population during the summer season.

For the reasons above, the innovative technologies demonstrated in HYDRO 5 & HYDRO 6 aim to address and solve linear approaches of energy use, water management and water treatment systems.



HYDRO 5 - HYDRO 6



HYDRO 5 - Agios Fokas

This is a nature-inspired, low-cost, solar driven desalination system based on the principles of evaporation and condensation. Seawater and brine from existing desalination plants are treated in the Mangrove Still System to produce freshwater and salt.

Read more [here](#)



HYDRO 6 - Tinos Ecolodge

An innovative combination of water management cycle coupling agricultural and touristic activities. It is implemented within **Tinos Ecolodge** and aims to demonstrate how a small touristic unit can be self-sufficient and sustainable in using its resources efficiently.

Read More [here](#)



Summer School Logistics & Facilities:

Dates:

- **17th of June:** Arrival
- **18th of June: DAY 1 – 16.00 – 19.00**
- **19th of June: DAY 2 – 10.00 – 19.00**
- **20th of June: DAY 3 – 10.00 – 19.00**
- **21st of June: DAY 4 – 10.00 – 12.00** | Departure

Accommodation:

Option A – Lodges

- The big stone house [5 beds \(1 double & 3 single \)](#)
- The small stone house [3 beds \(1 double & 1 single \)](#)
- The little stone house [3 beds \(1 double & 1 single \)](#)

Option B – Tents

Tent in Tinos Ecolodge (Bring your own tent – if you don't have one let us know)

Option C – self-organized accommodation

*In case you would like to arrange your own accommodation, let us know in the registration form. The most convenient and closest place to the Ecolodge is Steni village.

* Arrival to and departure from the island is facilitated by each participant.

* The organizing committee will provide cars for the transportation within the island during the Summer School



Food

Daily vegetarian meals designed and cooked on the spot with love by our cook [Andreas Tzouanopoulos](#).

- **DAY of arrival:** self-organized meal
- **DAY 1:** Dinner
- **DAY 2:** Breakfast – Lunch – Dinner
- **DAY 3:** Breakfast – Lunch – Dinner
- **DAY 4:** Breakfast

Fee

- **Option A:** 160 – 180 €
Option B: 90€
- **Option C:** fixed fee 60€ + your accommodation

The fee includes the following facilities

- Accommodation for **4 nights (including the night of June 17 – day of arrival)**
- Seminars, Activities and Workshops
- Transportation within the island
- Meals

We are happy to meet, cooperate, learn and share experiences with each other and get the best input from our instructors and sustainability experts! Join the circle!

Contact: penny.christodoulou@impacthub.net | +30 6976221236

Registry Form:

https://docs.google.com/forms/d/1UAMYwNco_-uU-M-fD7FL5xB_ti4JvQy6Jr58OM8Yego/edit

Language: The workshop will be held in english